PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known **Application Number** 10/800,317 Filing Date March 15, 2004 First Named Inventor Robert W. Ferrell Art Unit 3632 3634 **Examiner Name** STRIMBY **Attorney Docket Number** 7841

			U. S. PATEN				
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant	
		Number-Kind Code ² (* known)				Figures Appear	
271		^{US-} 5,230,181	07/27/1993	Geoffrey	et al		
all a		^{US-} 5,517,788	05/21/1996	McGough	et al		
ज्ञा		us- 5,524,391	06/11/1996	Joffe et a			
		US-					
		US-					_
		DS_		1			_
		US-	 		·····		_
		US-					
		US-	1	1			
		US-		 -			
	<u> </u>	US-		+			
		US-	 				
		US-		 			_
		US-	-	 			_
	<u> </u>	US-		 		· 	_
		US-	- 	 			_
	 	US-	 	+			_
	 	US-	-	 		 	
	 	US-		1			
	L		1	<u></u>			7
			FOREIGN PATE	NT DOCUM	NTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Pu	blication Name of Patentee or Date Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)		H-DD-YYYY		Or Relevant Figures Appear	1
	-						T
							Ħ
	 						H
							۲
			$\overline{}$	-			T
		1	1/1				ŧ
	L	<i></i>					_

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with text communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indigation of the year of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.